



## New Jersey Department of Environmental Protection Site Remediation Program

### INSTRUCTIONS FOR THE ALTERNATIVE OR NEW REMEDIATION STANDARD AND/OR SCREENING LEVEL APPLICATION FORM

#### General Instructions

**Applicability:** Use this form to:

- Request New Jersey Department of Environmental Protection (NJDEP) pre-approval for those alternative or new standards, ecological risk-based remediation goals, ecological risk management decision goals, or screening levels that require NJDEP pre-approval.
- Notify the NJDEP of the implementation of alternative or new standards or screening levels that do not require NJDEP pre-approval.

See the Remediation Standards, N.J.A.C. 7:26D-7.3 and 7.4 ([http://www.nj.gov/dep/srp/regs/rs/rs\\_rule.pdf](http://www.nj.gov/dep/srp/regs/rs/rs_rule.pdf)), Technical Requirements N.J.A.C. 7:26E-4.8, and Section C of this document to determine when NJDEP pre-approval is and is not required.

1. **Updates:** The NJDEP may update this form periodically. Please ensure you are using the latest version of this form. Download the latest version of this form from the NJDEP Website: <http://nj.gov/dep/srp/srra/forms/>.
2. **Signatures:** The form must be signed by the person responsible for conducting the remediation and the Licensed Site Remediation Professional (LSRP).
3. **Submittal:**

Completed forms and supporting documentation should be sent to:

Bureau of Case Assignment & Initial Notice  
Site Remediation Program  
NJ Department of Environmental Protection  
401-05H  
PO Box 420  
Trenton, NJ 08625-0420

#### Section A. Site Name and Location

- **Site Name:** Provide the name of the site (i.e., ABC Corporation);
- **List all AKAs:** Provide all other known names for the site;
- **Street Address:** Provide the street address for the site. NOTE: This should be the physical location of the site - not the mailing address;
- **Municipality:** Provide the name of the municipality in which the facility is physically located and indicate if it is a township, borough, or city. NOTE: This should be the name of the incorporated municipality and not the local name;
- **County:** Provide the name of the county where the site is located;
- **Zip code:** Self-explanatory;
- **Program Interest (PI) Numbers:** The PI Number is assigned by the NJDEP and can be obtained via the web at <http://www.nj.gov/dep/srp/> (DEP DATA MINER REPORTS). If this is a new site with no previous SRP involvement, leave blank.
- **Case Tracking Numbers:** Provide all NJDEP-generated site identification numbers (Hotline incident numbers, UST Notice of Intent to Close numbers, ISRA numbers, etc.);

#### Section B. Remediation Standard Notification Spreadsheet

A completed **Remediation Standard Notification Spreadsheet** must be submitted with this form. This form will not be processed by the NJDEP if the spreadsheet is not attached. The spreadsheet can be found at:

<http://nj.gov/dep/srp/srra/forms/> .

## Section C. Purpose for Submission

Select the reason for submitting this form. The Remediation Standards/Goals that require NJDEP pre-approval are listed in the left column. The Remediation Standards/Screening Levels that do not require NJDEP pre-approval are listed in the right column. Additional information about when NJDEP pre-approval is required can be found in the Remediation Standards, N.J.A.C. 7:26D-7.3 and 7.4 at: [http://www.nj.gov/dep/srp/regs/rs/rs\\_rule.pdf](http://www.nj.gov/dep/srp/regs/rs/rs_rule.pdf), the Technical Requirements N.J.A.C. 7:26E-4.8, and the information provided below.

### Supporting Documentation

Provide a detailed rationale and documentation to support each proposed Remediation Standard, Goal, or Screening Level, including but not limited to the following:

- New chemical toxicity;
- New risk assessment methodology or models;
- Alternative land use planned for the site; and/or
- Site-specific conditions that support modification of input parameters for models used to develop the direct contact exposure pathway alternative soil remediation standard, site-specific impact to ground water exposure pathway soil remediation standard, and/or VI ground water screening level pursuant to N.J.A.C. 7:26D Appendices 4 and 5.

### Direct Contact Exposure Pathway

#### Ingestion-Dermal Exposure Pathway

- NJDEP pre-approval is required for any alternative or new soil remediation standard developed for the ingestion-dermal exposure pathway.

#### Inhalation Exposure Pathway

##### NJDEP Pre-Approval Not Required

- Alternative soil remediation standards developed based on site-specific conditions that support modification of input parameters for the models used to develop alternative remediation standards pursuant to N.J.A.C. 7:26D-Appendix 5, and using the NJDEP "Inhalation Exposure Pathway Alternative Remediation Standards Calculation Spreadsheet" ([http://www.nj.gov/dep/srp/guidance/rs/inhalation\\_ars.xls](http://www.nj.gov/dep/srp/guidance/rs/inhalation_ars.xls)).

##### NJDEP Pre-Approval Required

- Any alternative soil remediation standards developed based on either (a) new toxicity information, pursuant to N.J.A.C. 7:26D-7.3(b)1, or (b) new or alternative modeling, pursuant to N.J.A.C. 7:26D-7.3(b)2.

### Site-Specific Impact to Ground Water Exposure Pathway

#### NJDEP Pre-Approval Not Required

While pre-approval of the following standards is not required, it is likely they will be reviewed by the NJDEP.

- New or alternative remediation standards developed using the NJDEP "Guidance for the Use of the Synthetic Precipitation Leachate Procedure to Develop Site-Specific Impact to Ground Water Remediation Standards" ([http://www.nj.gov/dep/srp/guidance/rs/splp\\_guidance.pdf](http://www.nj.gov/dep/srp/guidance/rs/splp_guidance.pdf)) and the NJDEP "SPLP Spreadsheet" ([http://www.nj.gov/dep/srp/guidance/rs/splp\\_spreadsheet.xls](http://www.nj.gov/dep/srp/guidance/rs/splp_spreadsheet.xls)).
- New or alternative remediation standards developed using the NJDEP "Guidance Document Development of Site-Specific Impact to Ground Water Soil Remediation Standards Using the Soil-Water Partition Equation" ([http://www.nj.gov/dep/srp/guidance/rs/partition\\_equation.pdf](http://www.nj.gov/dep/srp/guidance/rs/partition_equation.pdf)) and the NJDEP "Soil Water Partition Equation spreadsheet" ([http://www.nj.gov/dep/srp/guidance/rs/partition\\_equation.xls](http://www.nj.gov/dep/srp/guidance/rs/partition_equation.xls)).
- New or alternative remediation standards developed using the NJDEP "Guidance for the Determination of the Dilution-Attenuation Factor for the Impact to Ground Water Pathway" (<http://www.nj.gov/dep/srp/guidance/rs/daf.pdf>) and the NJDEP "DAF Calculator Spreadsheet" ([http://www.nj.gov/dep/srp/guidance/rs/daf\\_calc.xls](http://www.nj.gov/dep/srp/guidance/rs/daf_calc.xls)).
- New or alternative remediation standards developed using the NJDEP "Guidance Document Using the SESOIL Transport Model to Assess the Impact to Ground Water Pathway" (vadose zone modeling) (<http://www.nj.gov/dep/srp/guidance/rs/sesoil.pdf>).

- New or alternative remediation standards developed using the NJDEP “Guidance for Using the SESOIL and AT123D Models to Develop Site Specific Impact to Ground Water Soil Remediation Standards” (vadose zone/saturated zone modeling) ([http://www.nj.gov/dep/srp/guidance/rs/at123d\\_guidance.pdf](http://www.nj.gov/dep/srp/guidance/rs/at123d_guidance.pdf)).

#### **NJDEP Approval Required**

If a site-specific impact to ground water soil remediation standard is developed using an updated or new ground water quality criterion, the criterion must be approved by the Department.

#### **Alternative Vapor Intrusion Screening Level**

- NJDEP pre-approval is recommended for any alternative or new vapor intrusion screening level. The use of site-specific screening levels, modeling or other approaches will likely trigger a NJDEP review. The NJDEP VI Technical Guidance Document and applicable contacts for questions on the pathway and site-specific options may be accessed at <http://www.nj.gov/dep/srp/guidance/vaporintrusion/>.

#### **Ecological Risk Based Remediation Goal and Ecological Risk Management Decision Goal**

- NJDEP pre-approval is required for both Ecological Risk-Based Remediation Goals and Ecological Risk Management Decision Goals and shall be developed pursuant to the NJDEP Ecological Evaluation Technical Guidance ([http://www.nj.gov/dep/srp/guidance/#eco\\_eval](http://www.nj.gov/dep/srp/guidance/#eco_eval)).

### **Section D. Person Responsible For Conducting the Remediation Information and Certification**

The certification in this section shall be signed and dated by the person responsible for conducting the remediation. The certification in this section shall **not** be signed by the licensed site remediation professional or law firm hired to assist the owner or operator with their compliance obligations. The certification required in this section shall be executed as follows:

1. For a corporation or limited liability company, by a principal executive officer of at least the level of vice president; or
2. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively; or
3. For a municipality, state, Federal or other public agency, by either a principal executive officer or ranking elected official; or
4. By a duly authorized representative of the corporation, partnership, sole proprietorship, municipality, state or Federal or other public agency, as applicable. A person is deemed to be a duly authorized representative if the person is authorized in writing by an individual described in 1, 2 or 3 above and the authorization meets the following criteria:
  - i. The authorization specifies either an individual or a position having responsibility for the overall operation of the industrial establishment or activity, such as the position of plant manager, or a superintendent or person of equivalent responsibility (a duly authorized representative may thus be either a named individual or any individual occupying a named position);
  - ii. The written authorization is submitted to the NJDEP along with the certification; and
  - iii. If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the industrial establishment or activity, a new authorization satisfying the requirements of this section shall be submitted to the NJDEP prior to or together with any reports, information, or applications to be signed by an authorized representative.
    - Provide the full legal name of the person responsible for conducting the remediation;
    - Provide the full name of the representative of the person responsible for conducting the remediation, pursuant to N.J.A.C. 7:26C-1. Enter “Same” if the representative is the same person as the person responsible for conducting the remediation;
    - Provide the title of the representative of the person responsible for conducting the remediation;
    - Provide the telephone number, extension number, and fax number of the representative of the person responsible for conducting the remediation;
    - Provide the mailing address, including the city/town, state, and zip code of the representative of the person responsible for conducting the remediation;
    - Provide the email address of the representative of the person responsible for conducting the remediation;
    - The representative for the person responsible for conducting the remediation shall provide:
      - ❖ His/her signature where indicated;
      - ❖ His/her name and title (i.e., President, CEO); and
      - ❖ The date when the signing occurred. See N.J.A.C. 7:26C-1 to determine who can sign the form.

- The person responsible for conducting the remediation should note by placing an X in the box if there have been no changes to the contact information in this section since the last submittal.

#### **Section E. Licensed Site Remediation Professional Information and Statement**

- LSRP ID Number: Note the Licensed Site Remediation Professional ID Number.
- Provide the name, phone number, email and mailing address (city/town, state, zip code) of the Licensed Site Remediation Professional.
- The Licensed Site Remediation Professional should note the level of oversight he/she provided by placing an "X" in appropriate box(es).
- The certification in this section shall be signed and dated by the Licensed Site Remediation Professional.
- The Licensed Site Remediation Professional should note by placing an "X" in the box if there have been no changes to the contact information in this section since the last submittal.